

Socioeconomic Study of Reefs in Southeast Florida - Broward County

BY HAZEN AND SAWYER, P.C. IN ASSOCIATION WITH FLORIDA STATE UNIVERSITY AND NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

This study used extensive survey research over the twelve-month period from June 2000 to May 2001 to measure the economic contribution and the use values of artificial and natural reefs to the economies and the reef users of southeast Florida.

This study was co-funded by the four southeast Florida counties (Palm Beach, Broward, Miami-Dade and



Monroe), the Florida Fish and Wildlife Conservation Commission, and the National Oceanic and Atmospheric Administration. In all of southeast Florida, residents and visitors spent 28 million

person-days using artificial and natural reefs during the 12-month period. Of this amount, residents and visitors spent about 9.4 million person-days using the reefs in Broward County, or about 34 percent of the regional total. A person-day is one person participating in an activity for a portion or all of a day.

Artificial and Natural Reef Use in Millions of Person-Days Broward County, Florida - June 2000 to May 2001			
Reef Use by Reef Type	Artificial Reefs	Natural Reefs	All Reefs
	3.98	5.46	9.44
Reef Use by User Type	Residents	Visitors	All Users
	3.72	5.72	9.44
Reef Use by Recreation Type	Snorkeling	SCUBA Diving	Fishing
	1.09	3.85	4.45

Reef-related expenditures generated \$1 billion in income to Broward County over the 12-month period and created 36,000 jobs.

For more information contact:

Pamela Fletcher
Broward County Biological Resources Division
Marine Resources Section
218 S.W. 1st Avenue,
Fort Lauderdale, Florida 33301
(954) 519-1218, phone
pfletcher@broward.org

Economic Contribution of Reefs to Broward County, Florida June 2000 to May 2001 (Generated from Reef-Related Expenditures)		
Sales (\$ million)	Income (\$ million)	Employment (FT and PT Jobs)
\$2,069	\$1,049	36,000

Recreational fishers, divers and snorkelers who use Broward County's reefs are willing to pay \$126 million per year to maintain these reefs in their existing condition.

Natural reef users are willing to pay \$83.6 million per year to maintain the natural reefs in Broward County. Artificial reef users are willing to pay \$55.9 million per year to maintain the existing artificial reefs and \$15.7 million per year to add new artificial reefs to the Broward County system.

Annual User Value to Maintain Reefs in Their Existing Condition - Broward County (million dollars)		
Artificial Reefs	Natural Reefs	All Reefs
\$55.9	\$83.6	\$126.0

A majority of Broward County resident reef users would support "no take" zones on 25 percent of the natural reef system.



Grace M. Johns, Ph.D.
Hazen and Sawyer, P.C.
4000 Hollywood Boulevard,
Seventh Floor, North Tower
Hollywood, Florida 33021
(954) 987-0066, phone
gjohns@hazenandsawyer.com